STANDARD PLAN A SCHEDULE

MINIMUM NUMBER OF BOLTS & ANCHORS	BRACING BOLTING & SHEAR TRANSFER REQUIREMENTS FOR 1-STORY HOUSE Using 15/32" rated plywood sheathing with 8d @ 4" o.c.							PLYWOOD PANEL INSTALLATION REQUIREMENTS		
-SILL BOLT OR FOUNDATION ANCHOR SPACING AT BRACED PANELS SHALL BE: • ONE BOLT OR FOUNDATION ANCHOR AT EACH END BAY (MINUM). • ADDITIONAL BOLTS AT 32° ON CENTER OR LESS. • ADDITIONAL FOUNDATION BOLTS OR ANCHORS AS REQUIRED BY THE CHART (ON RIGHT). -SILL BOLT SPACING OUTSIDE BRACED PANELS SHALL BE: • 1/2° DIA. (MINIMUM) AT 6′-0″ ON CENTER OR LESS. • OTHER ANCHORS EQUIVALENT TO 1/2° DIA. MAY BE USED.	TOTAL FLOOR AREA (SF) (1)	HEAVY OR LIGHT CONSTRUCTION	TOTAL BRACING LENGTH ALONG EACH WALL LINE 8d @ 4" NAILING		SILL AN EACH WAI 1/2" DIA. BOL	ICHORS L LINE 5/8" DIA. BOLT	MINIMUM NO. ALONG EACH NO. OF L70	OF ANGLES (3) WALL LINE (4) NO. OF L90	INSTALL PLYWOOD SHEAR PANELS AT EACH END OF EACH WALL LINE AND SPACE ADDITIONAL PANELS, AS NEEDED, ALONG EACH WALL LINE. BRACED PANELS CLOSEST TO THE ENDS OF WALL LINES SHALL BE LOCATED AS NEAR TO THE ENDS AS POSSIBLE. PANELS MAY BE LOCATED AWAY FROM THE ENDS OF A WALL LINE WHEN EXISTING OBSTRUCTIONS OR LIMITED CLEARANCE NECESSITATES SUCH RELOCATION. BRACED PANELS SHOULD BE NEARLY EQUAL IN LENGTH AND SHOULD BE NEARLY EQUAL IN SPACING ALONG THE LENGTH OF THE WALL WHERE POSSIBLE. THE LENGTH OF EACH INDIVIDUAL PANEL MUST BE TWICE THE HEIGHT OF THE CRIPPLE WALL BEING BRACED, BUT NEVER LESS THAN 48 INCHES. NAILS SHALL BE 8d COMMON WITH A MINIMUM SHANK DIAMETER OF .131 INCHES. PLYMOOD SHEAR PANEL SHALL BE 5-PLY15/32" (1/2") CDX (3-PLY 15/32" IS NOT ACCEPTABLE) AND SHALL BE INSTALLED IN ACCORDANCE WITH THE SIZE, SPACING AND HARDWARE SPECS IN DETAILS.	
	1200	HEAVY	20'	6	9	7	17	13		
	1200	LIGHT	14'-8"	5	7	5	13	10		
	1500	HEAVY	22'-8"	7	11	8	19	15		
	1500	LIGHT	17'-4"	5	8	6	15	11		
	2000	HEAVY	28'	8	13	9	24	18		
	2000	LIGHT	21'-4"	6	10	7	18	14		
									WALL LINE - SEE SAMPLE PLAN.	
	BRACING BOLTING & SHEAR TRANSFER REQUIREMENTS FOR 2-STORY HOUSE Using 15/32" rated plywood sheathing with 8d @ 4" o.c.							MIN. EDGE DISTANCE OF NAILS IS 3/8". DO NOT OVERDRIVE NAILS. DO NOT SPACE NAILS CLOSER THAN 3-1/2" IN PLYWOOD.		
	1800	HEAVY	24'-0"	7	12	8	21	16	DEFINITIONS- LIGHT AND HEAVY CONSTRUCTION	
	1800	LIGHT	18'-8"	6	9	7	16	12	HEAVY CONSTRUCTION IS ANY BUILDING CONSTRUCTED USING ANY OF THE FOLLOWING: - STUCCO EXTERIOR WALL FINISH - HEAVY ROOFING CONSISTING OF CONCRETE OR CLAY TILES (WEIGHING UP TO 11 POUNDS PER SQUARE FOOT) NOTE: CLAY TILE WEIGHING MORE THAN 11 POUNDS PER SQUARE FOOT MAY BE CONSIDERED ON AN INDIVIDUAL BASIS. CHECK W/ YOUR LOCAL BUILDING DEPARTMENT LIGHT CONSTRUCTION IS ANY BUILDING CONSTRUCTED USING ONLY THE FOLLOWING ROOFING MATERIALS:	
	2400	HEAVY	29'-4"	9	14	10	25	19		
	2400	LIGHT	22'-8"	7	11	8	20	15		
	3000	HEAVY	N/A		N/A	N/A	N/A	N/A		
	3000	LIGHT	26'-8"	8	13	9	23	17		
									WOOD SHAKES OR SHINGLES COMPOSITION OR ASPHALT SHINGLES	
									METAL ROOFING (WEIGHING 5 POUNDS PER SQUARE FOOT OR LESS) EXTERIOR WALL FINISHES: WOOD PANEL SHEATHING WOOD BOARD SIDING SIMILAR LIGHT WEIGHT BOARD SIDING INTERIOR WALL FINISHES: GYPSUM BOARD GYPSUM OR PLASTER LATH	
	ALLED MIEDE DIVERSOS	DANIEL C. OCCUID	l							
ALL NEW MUD SILL BOLTS SHALL BE INST. ALL NEW MUD SILL BOLTS SHALL HAVE A NEW BOLTS SHALL BE 1-1/2" INCHES MIN EXISTING BOLTS MAY BE USED ALONG PO	3" X 3" X 1/4" PLATE HIMUM FROM THE EDGES	WASHER INSTALLED BETOM OF THE MUD SILL AND	4-3/8" FROM THE ENDS.				(2) WHEN I	TAL FLOOR AREA FROM	RETROFIT CONSTRUCTION DATA. (4) INSTALL L70 & L90 W/ 10d X 1-1/2" N/ S ARE USED IN A SINGLE WALL LINE, TED FOR THE NUMBER OF BOLTS.	

EXISTING BOLTS MAY BE USED ALONG PORTIONS OF MUD SILLS LOCATED OUTSIDE OF A BRACED WALL PANEL AND ALONG WALL LINES WITHOUT A CRIPPLE WALL, WHEN THEY MEET THE FOLLOWING REQUIREMENTS: ● BOLTS SHALL BE 1 INCH MINIMUM FROM THE EDGES OF THE MUD SILL). (MEASURED FROM THE CENTER OF THE BOLT TO THE EDGE OF THE MUD SILL).

- BOLTS MUST NOT BE SEVERELY RUSTED, DAMAGED, OR DETERIORATED SUCH THAT THEIR ORIGINAL CAPACITY IS SIGNIFICANTLY REDUCED. MUD SILL BOLT HOLES MUST NOT BE OVERSIZED SUCH THAT THE EFFECTIVENESS OF THE WASHER AND NUT IS SIGNIFICANTLY REDUCED.

UFP ANCHORS MAYBE SUBSTITUTED FOR THE NUMBER OF BOLTS. (3) NOT MORE THAN ONE ANGLE PER JOIST BAY UNLESS JOISTS ARE SPACED 24 INCHES ON CENTER. WHERE PRACTICABLE INSTALL ANGLES BETWEEN

JOISTS ABOVE PLYWOOD PANEL LOCATIONS.